

**TABLE H.2.1–10.—Hazardous Waste Treatment Capability at Oak Ridge National Laboratory**

<b>Treatment Unit</b>	<b>Treatment Method(s)</b>	<b>Input Capability</b>	<b>Output Capability</b>	<b>Total Capacity<sup>a</sup></b>	<b>Comment</b>
Acid Neutralization Facility	Neutralization	Liquid blowdown and demineralizer regeneration from Steam Plant	Effluent to Nonradiological Wastewater Treatment Plant	44,900	Volume treated in 1992. Design feedrate is 23m <sup>3</sup> /hr.
Chemical Detonation Facility (Bldg. 7667)	Open burning	Solid and liquid explosive wastes (lab pack flammables)	Residue (ash) to Sludge Fixation Facility for treatment	Campaign	RCRA interim permit submitted January 14, 1993.
Leaking Gas Cylinder Area	Venting of damaged and excess gas cylinders	Hazardous gas cylinders	Returned to vendors or disposed of at Y-12 Plant Sanitary Landfill II	Campaign	Remote site consisting of clear area.
Non-Radiological Wastewater Treatment Plant (Bldg. 3608)	Clarification, filtering, air stripper, absorption, neutralization, dewatering, and ion exchange	Liquid corrosive waste in storage	Dewatered waste, carbon, liquid discharge	745,000	Normal operating capacity. Design capacity is 1,510,000 m <sup>3</sup> /yr.

<sup>a</sup> For those facilities already in use, this is a normal operating capacity; for facilities under design or construction, this is a design capacity. Schedules and capacities for facilities under design or construction are subject to changes such as availability of funds, results of treatability studies, and permit issuance.

Source: DOE 1994n; DOE 1995gg; OR DOE 1994a; OR MMES 1995c.

**TABLE H.2.1–11.—Hazardous Waste Storage Capability at Oak Ridge National Laboratory**

<b>Storage Unit</b>	<b>Input Capability</b>	<b>Total Capacity (m<sup>3</sup>)</b>	<b>Comment</b>
Chemical Waste Storage Facility (Bldg. 7653)	Solid explosives, lab pack chemicals, and waste reactive metals	26	RCRA interim permit. Part A included on Part B application. Can be used for mixed waste. Permitted storage is 12 m <sup>3</sup> .
Clean Oil Storage Pad (Bldg. 7651)	Clean oil	27	RCRA interim permit. Part A included on Part B application. Can be used for mixed waste. Permitted storage.
Hazardous Waste Storage Facility (Bldg. 7507)	Liquid PCB	31	RCRA interim permit. Part A included on Part B application. Can be used for mixed waste.
Hazardous Waste Storage Facility (Bldg. 7652)	Hazardous bulk liquids and solids	57	Final RCRA Part B September 1, 1986. Can be used for mixed wastes.

Source: DOE 1994n; OR MMES 1995c.